

Name _____ Date _____

3.2A ADDITION AND SUBTRACTION OF COMPLEX NUMBERS

Simplify

1. $(8 + 3i) + (5 + 6i) =$
2. $(9 + 7i) + (2 - 11i) =$
3. $(9 - 5i) + (2 + 9i) =$
4. $(15 + 7i) - (6 + 13i) =$
5. $(12 - 5i) - (4 + 7i) =$
6. $(4 - 7i) - (9 - 4i) =$
7. $(9 + \sqrt{-49}) + (5 + \sqrt{-16}) =$
8. $(6 - \sqrt{-81}) + (8 + \sqrt{-4}) =$
9. $(11 + \sqrt{-100}) - (2 + \sqrt{-25}) =$
10. $(13 - \sqrt{-196}) - (7 + \sqrt{-9}) =$
11. $(9 + \sqrt{-72}) + (2 + \sqrt{-50}) =$
12. $(17 + \sqrt{-48}) + (7 - \sqrt{-27}) =$
13. $(7 - \sqrt{-20}) + (4 - \sqrt{-125}) =$
14. $(12 + \sqrt{-96}) - (9 + \sqrt{-24}) =$
15. $(7 - \sqrt{-98}) - (11 + \sqrt{-18}) =$
16. $(9 - \sqrt{-12}) - (17 - \sqrt{-75}) =$
17. $ 9 + 3i =$
18. $ 4 - 6i =$